

CLAIMS

What is claimed is:

5 1. An apparatus for generating an optical illusion
comprising at least one mirror, and placed in front of the
mirror a figure that is visible directly as well as via the
mirror, the at least one mirror being rotatable about an axis
of the apparatus, and while in use, the figure describing a
10 path about the axis of the apparatus in such a way as to be
continuously in front of the mirror, wherein during its
progress over the path around the axis of the apparatus, the
figure undergoes a rotation about its body axis at a rate of
rotation that depends on its rate of progress over the path.

15 2. An apparatus according to claim 1, wherein the
figure is mounted on a rotatable carrier, which together with
the at least one mirror is position-invariantly placed on or
in a frame that is rotatable about the axis of the apparatus.

20 3. An apparatus according to claim 2, wherein the
rotatable carrier is provided with a drive organ that is
coupled with the axis of the apparatus, such that the drive
organ is dependent on the carrier's rate of progress over the
25 path.

4. An apparatus according to claim 1, wherein the axis of the apparatus is placed centrally and equipped with a stationary sun wheel, and the rotatable carrier is coupled with a rotatable planet wheel that is able to move around the sun wheel and interacts with the sun wheel to determine the planet wheel's rate of rotation.

5. An apparatus according to claim 4, wherein the sun wheel and the planet wheel are provided with interacting toothings.

6. An apparatus according to claim 4, wherein the sun wheel and the planet wheel have a same diameter.

7. An apparatus according to claim 1, wherein the drive organ is formed as a drive belt that is coupled with the rotatable carrier and with the axis of the apparatus.

8. An apparatus according to claim 1, wherein there are two or more mirrors, each mirror forming a surface of a closed polyhedron, and in front of each mirror of the polyhedron a figure is placed, each figure undergoing a rotation about the body axis at a speed of rotation that depends on the figure's rate of progress about the axis of the apparatus.